

Research on Mathematics Experimental Teaching Based on the Ability Cultivation of Normal Students in the New Media Era

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Abstract: *With the rapid development of information technology, the application of new media and technologies in the field of education is becoming increasingly widespread. Especially in terms of cultivating the abilities of teacher trainees, new media technology has brought unprecedented opportunities and challenges to mathematics experimental teaching. This article aims to explore the impact of mathematical experimental teaching in the era of new media on the ability cultivation of normal students, and propose corresponding teaching strategies to improve their professional competence and teaching skills.*

Key Word: *New media; Mathematics education; Teacher preparation.*